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No. 39]

NEW DELHI, SATURDAY, SEPTEMBER 26, 1970 (ASVINA 4, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके
(Separate paglag is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 26th September, 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

5th September 1970

128300. Daimler-Benz Aktiengesellschaft. Cooling water ducting in reciprocating-piston internal combustion engines. (14th July 1970). [Addition to No. 121812].
128301. J. R. Iage. Heat exchange method and apparatus.
128302. Ciba Limited. Pesticidal compositions. [Divisional date 9th December 1968].
128303. Glaverbel. Process and apparatus for the manufacture of sheet glass. (10th September 1969).
128304. Conch International Methane Limited. In-ground storage arrangement for liquefied gases. (3rd November 1969).

7th September 1970

128305. P. Lal. Kisan composite unit.
128306. Ashoka Consumer Products. Improvements in or relating to stamp pads and the like.
128307. R. Namasivayam. Compact table cum cot.
128308. Western Paper & Yarn Private Limited. An improved method of manufacture of smoke filters.
128309. C. Popli. Foot rest for vespa scooter.
128310. Accumulatorenfabrik Sonnensche in GmbH. Lead-acid storage battery and process for preparing negative electrodes therefor.

128311. Whittaker Corporation. Method of making composite super-conductors.

128312. Owens-Illinois, Inc. Gas discharge panel.

128313. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New heterocyclic ethers and process for preparing them.

128314. P. Bütz, Robert E. Lee and Joseph A. Devine. Formulation for the treatment of psoriasis.

128315. Research Corporation. Method and apparatus for turgor conditioning tobacco.

128316. Sankyo Company Limited. Process for preparing pyrrole derivatives (III).

128317. Kumiai Chemical Industry Co., Ltd. Bactericidal composition for agriculture and horticulture and method of using these compositions.

128318. Chief Controller, Research & Development, Ministry of Defence, Government of India, New Delhi. Novel diagnostic reagent treated strips used for testing of ketone bodies in urine and process for preparing the same.

8th September, 1970

128319. Council of Scientific and Industrial Research. Improvements in or relating to red dye penetrants for surface flaw detection.

128320. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of ferric sulphate.

128321. P. N. Ramamurthi Rao and H. N. Gupta. Striking knives in cane cutter hood.

128322. S. S. Singhanian. Chemical complex for prevention of rust, corrosion and scale in water pipe lines and the like.

128323. Presforzados Mexicanos, S. A. Prestressed slab structure.
128324. Dorr-Oliver Incorporated. Method for the settling of scale forming suspensions such as those of red mud in alumina manufacture.
128325. Universal Oil Products Company. Method and apparatus for analyzing hydrocarbon composition.
128326. Girling Limited. Improvements in hydraulic systems for vehicles. (17th September 1969).
128327. A. Vuyk & Zonen's Scheepswerven N. V. Hopper barge.
128328. The Tata Hydro-Electric Power Supply Company Limited. The Andhra Valley Power Supply Company Limited and the Tata Power Company Limited. Electronic digital clock with neon sign display.
128329. Film Cooling Towers (1925) Limited. Improvements in or relating to cooling towers. (9th September, 1969).
128330. Antonsteel (Proprietary) Limited. Improvements in or relating to the processing of scrap metal. (9th September, 1969).
128331. Vickers Ruwolt Proprietary Limited. Two-part excavating tool. (9th September, 1969).
128332. Kombinat Veb Keramische Werke Hermsdorf. Method for manufacturing sintered tantalum anodes.
128333. Radiation Research Corporation. Polymerization of 2-pyrrolidone.
128334. The British Aluminium Company Limited. Improvements in or relating to the treatment of liquid metals. (12th September, 1969).
128335. N. P. B. Menon. Improvements in or relating to barbed fences and like barbed enclosures.
128336. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semiconductor devices. (11th September, 1969).
128337. Benson, Field & Epes. Method for the removal of CO₂ and H₂S from gas mixtures.
128338. Ethicon, Inc. Polylactide sutures. [Addition to No. 104025].
128339. American Cyanamid Company. Storage stabilization.
128340. Lysta A/S. Slide fastener.
128341. Ross Operating Valve Company. Solenoid valve.
128342. Fichtel & Sachs AG. Improvements in or relating to centrifugally-actuated couplings.
128343. H. Papst. Method for transporting impellent gases, for instance natural gas, and apparatus for performing this method.
- 9th September, 1970
128344. Aktieselskabet Niro Atomizer. Process for producing cement from cement slurry and a plant for carrying out the process.
128345. Gould Inc. Connectors.
128346. Agriput S. A. New phosphoric acid esters.
128347. Glaxo Laboratories Limited. Pharmaceutical compositions comprising 11 β -chloro-19-norsteroids. [Divisional date 29th January, 1969].
128348. Roussel Uclaf. Chemical compounds.
128349. Universal Oil Products Company. Catalytic composite of platinum, tin and germanium with carrier material and use thereof.
128350. British Insulated Callender's Cables Limited. Polymer compositions. (11th September, 1969).
128351. Ciba Limited. New heterocyclic compounds and processes for their manufacture.
128352. Ciba Limited. New ketones and processes for their manufacture.
128353. G. S. Thaker. G.T. energy chamber and Gas miser.
128354. G. S. Thaker. Pilferproof seal type cork.
128355. G. S. Soni. A new-type of hydraulic bearings
128356. S. N. H. Khan. Improvement relating to the nozzleed bottle made of plastic material.
128357. G. S. Soni. A device which when fitted to a jet propulsion engine, increases its thrust, at lower cruising speeds, and also reduces noise of jet.
- 10th September, 1970
128358. R. Prakash. An improved ice box.
128359. Westinghouse Electric Corporation. X-ray tube control circuitry.
128360. Forbes, Forbes Campbell & Co. Ltd. High speed Loader.
128361. Ralston Purina Company. Textured protein products (12th March, 1970).
128362. Ralston Purina Company. Protein fiber forming. (12 March 1970).
128363. Schering Aktiengesellschaft. Process for the manufacture of 4-chloro derivatives of phenylformamides and their salt.
128364. Kothari & Sons. Powder puff or like dispensers for applying face, toilet, talcum or like powder.
128365. Beclawat of India Limited. A tension-adjusting device for a coiled spring.
128366. Opti-Holding A. G. Improvements in or relating to textile ribbons for use as stringer tapes for sliding clasp fasteners.
128367. The Upjohn Company. Composition and process.
128368. Toray Industries Incorporated. Polyamide fibres.
128369. Colt's Inc. Pistol.
128370. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Phenylene-bis-dithiocarbamic acid esters and process for their preparation.
128371. Inveresk Research International (formerly known as The Arthur D. Little Research Institute). Cross-Linked polymers. (12th September, 1969).
128372. Inveresk Research International (formerly known as The Arthur D. Little Research Institute). Linear polymers. (12th September, 1969).
127373. Societe Fives Lille-Cail. Improvements in rotors of impact crushers.
128374. Walchandnagar Industries Limited. A continuous liming and sulphitation unit for clarification of sugarcane juice.
128375. N.V. Philips Gloeilampenfabrieken. Method of manufacturing a magnetically anisotropic magnet body.
128376. N. V. Philips Gloeilampenfabrieken. An apparatus for aligning two objects which comprises a source of light, a photosensitive detection system and two pattern carriers.
128377. N. V. Philips Gloeilampenfabrieken. Method of converting a crystal.
128378. S. A. Rubber Mills Pty. Ltd. Drip irrigation. (10th September, 1969).

128379. Dr. K. M. Singh. R. K. Motor (Dr. Kapil's relativistic motor).
128380. K. K. Xavier. A mechanism to dump the discharges from latrines of railway passenger coaches, only when they are moving.

11th September, 1970

128381. Council of Scientific and Industrial Research. Improvements in or relating to the reduction of phosphorous content of high phosphorous manganese oxide ores.
128382. Council of Scientific and Industrial Research. Improvements in or relating to a water vapour condenser for accelerated freeze drying plant.
128383. G. S. Thaker. Combi-car anti-theft Handbrake Lock.
128384. V. S. Iyer. Improvements in or relating to engines, turbines, or jet propulsion of air-craft.
128385. Shell Internationale Research Maatschappij N. V. Process for hydrogenative cracking of carbonaceous material. (12th June, 1970).
128386. Tedeco Textile Development Co. A/S. Apparatus for treatment of fabrics with liquid ammonia. (28th April, 1970).
128387. E. R. Sluubb & Sons, Inc. Substituted ureas and derivatives.
128388. V. V. Barchha. Device for use in the transfer of compresses air direct from cylinder or a running internal combustion engine to an article.
128389. American Cyanamid Company. Product.
128390. J. L. Paynter. Cigarette making apparatus. (18th March, 1970).
128391. Merck & Co. Inc. Beverages containing stabilized vitamin C.
128392. Monsanto Company. Gastropodocidal compositions.
128393. Aktiebolaget Vibro-Verken. Vibrating roller.
128394. Ciba Limited. 4-aminoalkyl-3a, 4, 5, 9b-tetrahydroisoxazolo [5, 4-c] isoquinolines, process for their manufacture and compositions containing them.
128395. Ciba Limited. New thiophosphoric acid ester amides and process for their manufacture. [Divisional date 1st March, 1969].
128396. Societe Fives Lille-Call. Grinding mill.
128397. J. P. Mathur and P. P. Mathur. Improvements in or relating to burglar and fire alarms.

Alteration of Date

118632. The claim to priority date 19th November 1967 has been abandoned and the application dated as of 19th November 1968, the date of filing in India.
127654. Ante-dated to 4th December 1968 under Section 5 of the Act.
128029. Ante-dated to 12th May 1969 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents' Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

118632. D. Gunasekera. A method of manufacture of dual extruded plastic cane for the rattanning of furniture. Accepted on 19th August 1970.

Characterized in that it is manufactured from polyethylene or like material containing a little carbon black as the under layer combined therewith an upper layer of desired colour plastic comprising colour polyethylene or like material layers being bonded together by method of simultaneous extrusion.

118807. Photo Magnetic Systems, Inc. A computer system. Accepted on 31st August 1970.

Having a computer device to which is connected a tone-generating telephone set, logic circuit means.

118858. Oy Tampella Ab. Wedge breech block for guns. Accepted on 3rd September 1970.

Characterised in that the firing mechanism with the trigger arrangement and the striking pin mechanism is provided outside the breech block in the barrel bottom piece and that the housing for the cartridge with firing channel is arranged on the breech block inclined to the axis of the barrel.

118859. Ims Ltd. Blood sampling tube and blood sampling assembly comprising such tube. Accepted on 3rd September 1970.

A tube having an open end and a closed end, and a resilient sealing stopper for the open end and having a thin puncturable imperforate diaphragm and a hole above, a portion of the hole having an inside diameter less than that of the needle of the conventional holder the length of the hole being at least as long as the scarf of said needle.

118860. Ims Ltd. Blood sample collecting tube holder. Accepted on 3rd September 1970.

Comprising a holder having a generally tubular body, an end wall and an open end, the holder having affixed thereto a double-ended needle so that one end of the needle projects inwardly into the body and the other end is free for injection, the holder being adapted to receive an evacuated blood sampling tube.

118886. M. K. Panveliwalla. Device for cutting thermoplastic materials. Accepted on 5th September 1970.

Comprises U-shaped member with projecting electrical terminals connected to a power source through switch means and an electric resistance wire stretched across said terminals.

118914. Veb Filmtabrik Wolfen. Processed coloured photographic materials having images thereon to be viewed in incident light and transmitted light and process for their production. (14th May, 1968). Accepted on 7th September 1970.

Having a protective layer containing an ultra-violet absorber coated on one or both sides of processed colour photographic materials having images thereon.

118926. Farbenfabriken Bayer Aktiengesellschaft. 3-[pyrazolyl-(1)-] 7-[v-triazolyl-(2)]-coumarins, process for their preparation and fabrics, fibres and plastic materials brightened therewith. Accepted on 3rd September 1970.

Characterised in reacting α -oximino-7-hydrazino-3-[pyrazolyl-(1)] coumarin derivative with acylating agent and dehydrogenating respectively at 50—125°C.

118953. Texaco Development Corporation. Process for solvent separation of hydrocarbon oil mixture. Accepted on 9th September 1970.
- Solvent extraction with a solvent comprising N.M.P. forming a raffinate phase and an oil phase contacting said raffinate with a water stream containing N.M.P.; thermally distilling said oil phase keeping a first distillation bottom vacuum steam stripping said distillation bottom separating a second distillate, this distillate is used in the first stage as water stream containing N.M.P. and a second distillation bottom comprising refined oil product.*
118943. The Standard Oil Company. Improvements in or relating to catalysts. Accepted on 9th September 1970.
- Catalyst composition consisting essentially of an activated catalytic oxide complex of at least two of the elements uranium, arsenic, antimony and molybdenum.*
119023. Polysius G.m.b.H. Method for grinding material in a mill. Accepted on 7th September 1970.
- Control signals are derived by measuring the degree of fullness and the amount of mechanically conveyed re-fed material, one signal affecting the nominal value and the other the actual value of a controlling device.*
119180. Argus Chemical Corporation. Imparting anti-fogging properties to polyvinyl chloride resins and compositions therefor. Accepted on 3rd September 1970.
- Comprising a polyvinyl chloride resin and a partial ester of a polyglycerol with an unsaturated aliphatic monocarboxylic acid having from about eight to about twenty-four carbon atoms and a polyvinyl chloride resin heat stabilizer.*
119416. Promod Ranjan Roy. Device for detecting flammable explosive gases and/or vapours and measuring the concentration thereof in the atmosphere. Accepted on 29th August 1970.
- Comprising a measuring cell through which explosive gases is aspirated and a reference cell both constituting the two arms and a potentiometer divided at the middle forming the other two arms of a balanced electrical bridge and an indicator connected diagonally across the bridge.*
119449. N. H. Sanders (Jr.) and R. Sanders. Apparatus for aerating loose particles. Accepted on 5th September 1970.
- Comprises a plurality of separate air plenums having vertically spaced, horizontal axes and having perforate lateral walls disposed radially outwardly from said axes, characterised by means forming a pair of adjacent, short vertical passageways intermediate each adjacent pair of said plenums and connecting the corresponding grain passages thereof.*
119540. Robert Krause Kg. Improvements in and relating to ring-mechanisms for loose-leaf binders and the like. (19th November 1968). Accepted on 8th September 1970.
- Comprising upstanding rockable bows connected at their lower ends to members housed in a tunnel-like spring to form spring-toggle means.*
119846. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. A composition of matter containing optical brightener and a process for the optical brightening of fibrous materials of synthetic polyamides or cellulose esters using said composition. Accepted on 2nd September 1970.
- Consisting of 50 to 99% by weight of a polyalkylene glycol and 1 to 50% by weight of a fatty alcohol oxethylate.*
119965. Henri Favre Taillerie De Diamants Sa St-Claude. Diamonds polishing wheel. Accepted on 8th September 1970.
- The Scaufe is constituted by a steel disk into the surface of which diamond particles are embedded.*
120009. Glavnoe Upravlenie Po Proizvodstvu Bakteriinykhi Virusnykh Preparatov Ministerstva Zdravookhraneniya Sssr. Apparatus for cultivating micro-organisms. Accepted on 24th August 1970.
- Comprises a container having a pile of cuvettes, heating means, pipe branches for sowing culture into the cuvettes, a centrally placed rotating shaft capable of axial displacement provided with rocker arms and scrapers and so mounted as to make a possible turning relative to the horizontal axis and a rotation round its own axis.*
120063. Stanicarbon N. V. Process for the continuous preparation of N. P. or N.P.K. fertilizers containing substantially water-soluble P_2O_5 . Accepted on 26th August 1970.
- Comprises (a) decomposing phosphate rock with nitric acid, (b) dilution of gypsum-free parent liquor containing phosphoric acid so that the gypsum suspension will contain at most 30% of gypsum, (c) precipitation of gypsum by sulphuric acid and decomposition of the remainder of phosphate rock with reformed nitric acid, (d) secondary precipitation of gypsum and (e) processing further by neutralisation, evaporation and granulation to N.P. or N.P.K. fertilizer.*
120081. Fried. Grupp G.m.b.H. Compound structural construction element and a bridge including the same. Accepted on 27th August 1970.
- Wherein the lower tensile component is a plate having a plurality of humps enclosed in the form of dowels by another component such as concrete.*
120105. F. L. & J. C. Codman Company. Abrasive product and manufacture thereof. Accepted on 1st September 1970.
- Comprising abrasive grains and discrete, pre-formed, resiliently extensible and compressible synthetic foam body members bonded together with a flexible bonding material into a flexible coherent mass.*
120115. Council of Scientific and Industrial Research. A composition for the production of resin suitable for the production of resin impregnated paper and decorative laminated products. Accepted on 1st September 1970.
- Comprising urea, thiourea, formaldehyde, ammonia, ammonium bicarbonate and ammonium chloride.*
120141. Aktiebolaget Bofors. Low frequency signal amplifying device. Accepted on 3rd September 1970.
- Comprising a first feed back circuit, amplifier, first and second modulator, first and second demodulator.*
120153. Dr. A. Sinha. Head mirror for use by doctors with attachment means for spectacles. Accepted on 29th August 1970.
- Comprising a mirror with a hole in its centre, held in a frame secured to an intermediate arm through a first universal joint, the other end of the arm being coupled to a securing arm through a second universal joint, the securing arm being attached to a clip for attachment to a spectacle rim.*
120156. Standard Telephones and Cables Limited. A method of making a tubular member, an apparatus therefor and an insulated conductor made therefrom. (7th March 1968). Accepted on 5th September 1970.

Apertures in first group of adjacent elements define a first tapering passageway and a slot, and apertures in a second group of adjacent elements define a second tapering passageway whose larger end envelopes the smaller end of the first passageway.

120184. The Dunlop Company Limited. Polyurethane foam. (8th March 1968). Accepted on 7th September 1970.

Being reticulated prior to compression by igniting a combustible mixture of an oxidisable gas and an oxidising gas in the pores of the foam, the molar ratio of said gases being less than stoichiometric.

120185. The Dunlop Company Limited. Method for the manufacture of hose. (9th March 1968). Accepted on 7th September 1970.

Extruding a tube of a soft composition of a polymeric material having a layer of longitudinal strands at least partially embedded therein and setting the soft composition.

120186. The Dunlop Company Limited. Apparatus for positional control primarily for use in tyre building. (9th March 1968). Accepted on 2nd September 1970.

Includes first and second multichannel output signalling means, and a comparator device for receiving the signals of both signalling means and controlling tool moving means according to the received signals.

120200. United States Steel Corporation. Method and mechanism for measuring loads on pinch rolls of continuous-casting machine. Accepted on 7th September 1970.

Determining the load on the pinch rolls and controlling the casting operation including stopping operation of the pinch rolls when the weight drops below a predetermined minimum.

120202. The Dunlop Company Limited. Sieves. (13th March 1968). Accepted on 1st September 1970.

Comprising abrasion resistant elastomeric wearing layer bonded to a supporting layer of a sheet of synthetic plastic material.

120207. Hodogaya Chemical Co., Ltd. Novel 3-substituted, 6-methyl-pyridazine compounds and herbicidal composition containing the same. Accepted on 7th September 1970.

Comprises reacting 3-chloro-6-methyl-pyridazine with an alkali phenolate.

120220. Merrick Scale Mfg. Company. Means for determining the density of material. Accepted on 2nd September 1970.

Includes a conveyor, a gate adjustably mounted to control the delivery of the material, a weighing mechanism, and a potentiometer actuated by the adjustment of the gate and electrically connected to a source of electricity.

120221. Merrick Scale Mfg. Company. A mass measuring system. Accepted on 2nd September 1970.

Comprising an elastic member deflected and oscillated by a load, electromagnetic means, and a transformer actuated by the oscillation of the elastic member electrically connected to the electromagnetic means to control the energization of said electromagnetic means and means to count oscillations.

120238. Fuller Company. Pneumatic conveying apparatus. Accepted on 7th September 1970.

For uses in evacuating a silo comprising a plurality of gas-permeable fluidizing units in said silo floor, each unit comprising a bottom portion forming a plenum chamber and an upper portion

having a gas permeable media through which gas is supplied to said chamber will flow.

120240. Hitachi, Ltd. Switching device for on-load tap changers of regulating transformers. Accepted on 2nd September 1970.

Includes vacuum switches arranged along the sides of a regular polygonal shape in such a manner that those vacuum switches which are operated in the same switching sequence are located on one and the same side of polygonal shape in group.

120247. P. G. Kohlstedt. Pre-treatment of metal bearing mineral products. Accepted on 1st September 1970.

Characterised in that the concentrate components are mixed with each other and with the binder, and homogenized by a certain degree of joint grinding.

120291. Ruhrchemie Aktiengesellschaft. Gas mixture containing hydrogen and carbon monoxide. Accepted on 8th September 1970.

Process for the production of a gas mixture containing carbon monoxide and hydrogen which comprises subjecting a by-product or waste product of a hydroformylation process to partial oxidation with oxygen or an oxygen-containing gas in the presence of water-vapour at a temperature in the range of 1100—1600°C.

120292. Ruhrchemie Aktiengesellschaft. Reforming of isobutyraldehyde. Accepted on 8th September 1970.

Process for the production of a gas mixture containing carbon monoxide and hydrogen, which comprises cracking isobutyraldehyde at a temperature in the range 600—900°C in the presence of (i) steam and (ii) nickel containing catalyst.

120316. Leningradsky metallichesky zavod imeni XXII siezda KPSS. Shut-off device for steam path of steam turbine. Accepted on 8th September 1970.

Rotatable member is located inside the stationary member and rests on a circular projection of the adjacent diaphragm by the circular supporting part which serves as a partition preventing the direct penetration of the steam streams.

120351. Norton Company. Grinding wheels. Accepted on 7th September 1970.

Comprising a combination of resin bond with abrasive grits, said wheel having from 22% to 26% pores by volume, and said grits being spinel or mullite or a mixture thereof, being from 14 to 24 mesh in size, and being present in the wheel from 44% to 62% by volume.

120367. B. N. Shah, G. B. Shah, B. B. Shah and H. T. Shah. Clocks. Accepted on 29th August 1970.

Comprising a swingably secured pendulum consisting of a suspension rod carrying a permanent magnet, a ratchet and pinion actuated by the pendulum, an induction coil on either side of the magnet and connected to an electric source through a transistor circuit and clock work mechanism actuated by the pinion.

120376. S. E. Tilby. Process for treating sugarcane to obtain sugarcane commodities. Accepted on 3rd September 1970.

Comprising the combination of the steps of chopping sugarcane stalks into short length opening it up longitudinally into separate portions flattening it and milling away pith from one side of the said stalk.

120372. American Flange & Manufacturing Co., Inc. Method and apparatus for sealing open head containers. Accepted on 7th September 1970.

Comprising providing a container cover having an opening for reception of a dispensing closure member, placing said cover on a container body, placing a dispensing closure member over said opening in said cover, securing said cover to said container.

120382. British Steel Corporation. Steel manufacturing process. (26th September 1968). Accepted on 7th September 1970.

Comprising subjecting the charge to a treatment with a stream of hot refining gas obtained by the combustion of a fuel in an excess of oxygen, a second decarburising stage in which the gas stream is relatively rich in uncombined oxygen and a third correction stage in which the gas stream is relatively poor in uncombined oxygen.

120384. Brown, Boveri & Company Limited. Transformer core with cooling channels parallel to the laminations and a procedure for its assembly. Accepted on 2nd September 1970.

An upper yoke is provided with at least one more cooling channel than the columns.

120392. Eastman Kodak Company. Recovery of photographic colour developer constituents. Accepted on 29th August 1970.

Adding an inorganic water soluble salt to the colour developing solution in an amount sufficient to result in the formation of a separable second phase, and separating the second phase from the remainder of the solution.

120467. D. R. Campbell. Apparatus and method for conveying and elevating substances. [Addition to No. 99724]. Accepted on 13th August 1970.

Characterised in that the bottom wall of the conduit being formed with cut out portions so that it is not continuously solid.

120490. Council of Scientific and Industrial Research. Paddy transplanting machine. Accepted on 3rd September 1970.

Comprises a hopper in which seedlings are put and to which a chute is connected a spring-loaded door for keeping the chute normally closed, a reciprocating planting head, a lug with said head by which the door of the chute is opened with the reciprocation of said head.

120493. Montecatini Edison S.p.A. G. D. Varda. Stepped bottom for multicell furnace for production of aluminium by electrolysis. Accepted on 29th August 1970.

Having a vat of refractory material (non conducting) with a bottom provided with grooves for collecting and tapping aluminium characterised that the grooves are less numerous than the interspaces between electrode and electrodes and the bottom is stepped shaped.

120528. P. A. Ayyathurai. Baby scooter. Accepted on 5th September 1970.

Has a front wheel, two rear wheels, a handle bar attached to front wheel, a toothed wheel below the drivers seat, the latter wheel being connected by a chain to a sprocket wheel fixed to the rear axle.

120619. Joseph Lucas (Industries) Limited. Lamp for road vehicles. (9th April 1968). Accepted on 29th August 1970.

Including a lens comprising a coloured portion of similar colour to the rear lamps of the vehicle and a lower substantially colourless portion.

120650. T. D. Rao. Improved grating frames for grate floorings and device for manufacturing same and method of manufacturing such grating frames. Accepted on 29th August 1970.

Comprising a series of longitudinally extending flat metal strips, each flat strip except the first and the last of the series being separated and sandwiched between a pair of formed metal strips of zig-zag shape, the bent edges of the formed strips being made integral with the bottom edges of the flat strips, each of said flat and formed strips being rested vertically on its edge, the frame resembling a series of longitudinally extending diamond shaped or elongated oval shaped opening or pockets, each opening being separated in the middle by a said flat strip and the surface of the inner wall of the first and last of the series of flat strips being welded to the bottom edge of the adjacent bends of the formed strips.

120826. W. P. Jensen. A traffic signal conversion unit and a traffic signal including said traffic signal conversion unit. Accepted on 29th August 1970.

Comprising a shutter mounted between lens and illuminating means and expandable across the lens to change area of the lens exposed to illuminating means and actuating means connected to electric control circuit for the illuminating means so as to operate the shutter when lens is illuminated.

121110. N. V. Philips' Gloeilampenfabrieken. A method of manufacturing a magnetic core and a magnetic core manufactured thereby. Accepted on 1st September 1970.

Mixture of oxides of manganese, zinc, iron and titanium is compressed to the desired shape and heated at a temperature between 1100°C and 1450°C in an oxygen-containing atmosphere, so as to yield a product, the chemical composition of which is within a particular range.

121117. Phillips Petroleum Company. Process for making carbon black. Accepted on 3rd September 1970.

Comprises controlling the quality of the carbon black product by introducing into the reaction zone a carbon black property-affecting mixture comprising at least two components made up of inorganic alkali metal compounds, the mixture having a melting point less than the melting point of its compounds.

121263. Stamicarbon N. V. Process and installation for the simultaneous preparation of two different sizes of urea granules. Accepted on 7th September 1970.

Characterised in that the drops of liquid urea are solidified in presence of liquid urea from a second perforated rotary vessel.

121280. B. A. Power and R. F. Power. Cloud Seeding apparatus. (15th May 1968). Accepted on 1st September 1970.

A vessel for holding a cloud seeding solution, means forming an air passage in to the vessel above the solution level, atomising means within said passage, a liquid conduit leading from the vessel below solution level to the atomising means and means for supplying air under forced draft.

121316. Matburn (Holdings) Limited. Improvements in or relating to balloon catheters. Accepted on 3rd September 1970.

Comprising a thermoplastic lumen tube having a plurality of parallel passages with an opening near the insertion end a balloon sleeve built over a portion near the rounded end and covering an aperture communicating with another passage of the tube wherein the tube and sleeve having at least an external layer of a copolymer of styrene and butadiene.

121319. Kyowa Hakko Kogyo Co., Ltd. Amino acid-enriched grains and process of preparation. Accepted on 1st September 1970.

Comprises soaking the grain (e.g. rice) with an aqueous or acidic solution of amino acid, removing water from the grain thus obtained and treating the enriched grain with a solution of dibenzoyl thiamine, ceryl B, or thiamine naphthalene-2, 6 disulfonic acid, steaming and then drying the grain.

121541. Boliden Aktiebolag. A process in the purification by chlorination of iron sulphide materials. (25th June 1968). Accepted on 8th September 1970.

Material is subjected to roasting process in a fluidized bed at 700—1000°C with oxygen and separating major portion of impurities like As, Pb, Sn, Sb and S, whereafter the material in hot condition is separated from the roaster gases and further processed, hot condition with chlorine whereby Cu, Zn, Co, Ni, Au and Ag and remaining quantities of As, Pb, Sn, Bi, Sb and S present the material are volatilized.

121623. Union Tank Car Company. Improvements in or relating to water treating apparatus. Accepted on 3rd September 1970.

Improvement in flow control means for maintaining a substantially constant maximum input rate at the liquid inlet nozzle, said means comprises a flow control tank having a weir therein.

121693. Lodzkie Zakłady Kserotechniczne Prexer. Apparatus for charging and exposure of light-sensitive plates. Accepted on 5th September 1970.

Characterised in that it has mechanism for diverting light-sensitive plate, from charging position to arrive at the exposure position.

121830. The Goodyear Tire & Rubber Company. Improvements in automatic brake control system. Accepted on 7th September 1970.

The invention relates to an automatic brake control system particularly designed for aircraft which utilizes substantially conventional anti-skid techniques for pressure control to the brakes.

121921. Joseph Lucas (Industries) Limited. Vehicle lamps. (28th June 1968). Accepted on 3rd September 1970.

Comprising a cup shaped body supporting a lamp with an outwardly directed flange and a lens member having a portion received as a close fit in the body such that portion of the body is deformed to engage a panel for the lamp to retain the lamp in position.

122695. Norton Company. Abrasive pellet. Accepted on 7th September 1970.

Pellet formed from abrasive particles and a bonding polymeric material having upper and lower star-shaped surfaces, the former being of lesser area between the points of which surfaces are convergent ridges with concave surfaces between the ridges.

122945. Crompton & Knowles Corporation. Textile lap forming apparatus. Accepted on 3rd September 1970.

Comprises an enclosure, stuffing means, lap former rolls with variable drive means, a light source, a photo-electric sensor and light focussing means.

122991. Glanzstoff A. G. Process for the production of polyurethanes. (10th July 1969). Accepted on 3rd September 1970.

Comprises (a) reacting macrodiol with diisocyanate with at least one aromatic radical, (b) reacting moles of pre-adduct formed with mixture of 0.15—0.85 moles of diamine aliphatic amino hydroxy compound, (c) adding to reaction product 0.75 to 0.95 molar times of diphenylmethane-4, 4'-diisocyanate of aliphatic or araliphatic

diols, and (d) stopping reaction by adding mono-alcohol.

123088. General Motors Corporation. Variable-ratio power transmission mechanisms. Accepted on 3rd September 1970.

Mechanism utilises an arrangement of coaxially overlapping drums to which are splined friction plates of ratio-engagement devices for planetary gear means, with fluid servomotors for operating the ratio-engagement devices being located within the drums.

123281. Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.). Engine air-cooling and car room heating apparatus in motorcar. Accepted on 7th September 1970.

The invention relates to an apparatus of the type that in a motorcar an internal combustion engine is forcibly cooled by cooling air and this cooling air is then led into a car room for being utilized for room heating.

123322. El Paso Products Company. Improved process for the manufacture of adiponitrile. Accepted on 3rd September 1970.

Reacting adipic acid with ammonia in first reactor (320—420°F) passing reaction product to second reactor (475—600°F) containing dehydration catalyst, with drawing portion of mixture formed to purge vessel (425—525°F) and returning free mixture in vapor phase three from to second reactor and purifying gaseous effluent thereof.

123369. Vsesojuzny Nauchno-Issledovatel'skij Institut Kriogenogo Mashinostroeniya. Stabilizing device for gas-cutting tools. Accepted on 7th September 1970.

The invention relates to devices for stabilizing a distance between a tool secured on the support of a machine for example a cutter of a gas-cutting machine, and the surface of a blank.

123370. Vsesojuzny Nauchno-Issledovatel'skij Institut Kriogenogo Mashinostroeniya. Photoelectric tracer unit for tracing an outline. Accepted on 7th September 1970.

The invention relates to a photoelectric tracer unit for tracing an outline, adapted to be incorporated in the photoelectric control apparatus of a work-performing machine, such as a gas cutting machine and the like.

123609. F. I. Smidth & Co. A/S. Hydraulic cement from raw materials containing phosphorus and/or fluorine. (21st October 1968). Accepted on 1st September 1970.

Producing hydraulic cement by burning from a raw-mix which is composed to yield clinker having a lime saturation factor of at least 0.92, and the burning temperature is so correlated that the free lime content of the cement clinker produced is at least 1%.

123683. N. F. Brooker Pty. Limited. Climbing jack. Accepted on 9th September 1970.

Comprising a casing housing top and bottom chucks, the bottom chuck being stationary in the casing and the top chuck being displaceable axially relative thereto.

123738. R. Machon, J. Elechet and E. Hugo. Method for scouring and dyeing silk in a single operation. Accepted on 8th September 1970.

Characterized by a speedy and sudden modification of the accurately controlled pH and by the relative movement of the bath with reference to the silk material.

123891. Standard Telephones and Cables Limited. Adhesive applicator. (7th November 1968). Accepted on 7th September 1970.

A melting tube, attached to one end of which is a dispensing jet containing a valve and contained within the other end of the tube a sleeve insert having a portion with substantially the same internal diameter as the external diameter of the rod and a portion with a tapered internal section.

123905. Allied Chemical Corporation. Filament quenching apparatus and process. Accepted on 9th September 1970.

A quenching chamber for passage of a melt extruded filament, a gas entry chamber with means for entry of a cooling gas and a porous, multi-cellular foam diffuser.

123950. De Vlieg Machine Company. Adjustable tool holder. Accepted on 8th September 1970.

Includes a supporting member having a seat, a threaded shank supported on the supporting member, an adjustable collar threaded on the shank, locking means cooperable with the shank and supporting member to hold the collar against the seat, the collar having an inwardly open annular recess adjacent its inner periphery.

123969. N. V. Philips Gloeilampenfabrieken. Semiconductor device having a schottky junction and a method of manufacturing the same. Accepted on 7th September 1970.

After providing the masking layer the surface of the part of the window is subjected to a treatment for removing material so as to obtain a cavity, the schottky electrode layer is provided in the cavity by vapour deposition in vacuum.

124019. L. R. Industries Limited. Improvements in or relating to the manufacture of contraceptive sheaths. (19th August 1969). Accepted on 29th August 1970.

Comprising cutting two identical blanks each corresponding to the shape of the required sheath made from thermoplastic film material bring them together with their edge portions in mutual engagement except at one end corresponding to the open end of the sheath and welding the engaged edge portions together.

124640. Joseph Lucas (Industries) Limited. Brush assemblies for use in dynamo electric machines. (13th January 1969). Accepted on 3rd September 1970.

Comprising an insulating body a pair of brushes slidably mounted on a pair of terminal plates secured within the body and a pair of resilient members between the brushes and the plates to urge the brushes into engagement with a commutator of the machine.

125180. Swiss Aluminium Ltd. Method and apparatus for producing carbonaceous bodies. Accepted on 3rd September 1970.

Carbonaceous material is compacted in a mould by vibration applied to it from below by the mould bottom and is simultaneously compressed by an increasing pressure applied to it from above.

127654. J. L. L. and H. T. Hashemi. An energy exchange engine having improved face seal structure. [Divisional date 4th December 1968]. Accepted on 4th September 1970.

Comprising rotor means, a pair of stationary seal plates, stationary seal plates between each said closure plates, a first sealing element and a second sealing element.

128079. F. A. Power and R. F. Power. A composition for cloud seeding and an aqueous aerosol containing

the same. [Divisional date 12th May 1969]. Accepted on 1st September 1970.

A composition for forming an aqueous aerosol for distribution into a precipitation-amenable atmosphere for cloud seeding comprising a solution containing silver iodide and a substance effective to stabilise silver iodide, said solution being from 30% to 92% saturated in silver iodide at the separating temperature.

Opposition Proceedings

(1)

An opposition has been entered by Shalimar Industries Private Ltd. to the grant of a patent on application No. 116345, made by Bimal Kumar Ghosh.

(2)

An application has been entered by Farbenfabriken Bayer Aktiengesellschaft to the grant of a patent on application No. 116376, made by National Distillers and Chemical Corporation.

(3)

An opposition has been entered by Mckenzie's Ltd., to the grant of a patent on application No. 118666, made by The Cementation Company Limited and Amitava Ghosh Dastidar.

(4)

An opposition has been entered by Aloisio Da Cruz to the grant of a patent on application No. 119675 made by R. S. Aggarwal.

(5)

An opposition has been entered by Orissa Cement Limited to the grant of patent on application No. 120085 made by Kalinga Otto Private Limited.

Appeal Proceedings

Section 5

An appeal to the Central Government has been filed by Farbenfabriken Bayer Aktiengesellschaft under Section 5 of the Indian Patents and Designs Act, 1911 in respect of the patent application No. 119861.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

79965, 80421, 80587, 80823, 80989, 81234, 81257, 81272, 81286, 81319, 81379, 81518, 81638, 81832, 81981, 82048, 82069, 82094, 82144, 82256, 82271, 82291, 82340, 82345, 82530, 82550, 82591, 82603, 82686, 82769, 82798, 82871, 82898, 82955, 82956, 82980, 83085, 83131, 83138, 83164, 83243, 83290, 83398, 83594, 83652, 83690, 83760, 83805, 83844, 83916, 83934, 83968, 83975, 83998, 84018, 84024, 84044, 84080, 84117, 84200, 84291, 84292, 84335, 84452, 85303, 85335.

(2)

93404.

Patents Sealed

100553, 104208, 106806, 109438, 109609, 109713, 110596, 111561, 111562, 113880, 114606, 114615, 114734, 114937, 115564, 115733, 115759, 115788, 115789, 115806, 115807, 115824, 115825, 115878, 115909, 115923, 115942, 116015, 116020, 116088, 116127, 116132, 116193, 116313, 116401, 116427, 116462, 116468, 116566, 116567, 116572, 116595, 116735, 116736, 116792, 116794, 116817, 116830, 116883, 116944, 116978, 116980, 117031, 117032, 117072, 117101, 117116, 117152, 117155, 117161, 117233, 117287, 117338, 117380, 117414, 117464, 117460, 117599, 117682, 117695, 117956, 118304, 118369, 118477, 118487, 118586, 118621, 118796, 118879, 119016, 119794, 119857, 119872, 120032, 120187, 120263, 120448, 120821, 121100, 121212, 121214, 121408, 121409, 123405, 123406, 123582.

Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

84574—Armtext Products S. A.

111946—Binny Limited.

Renewal Fees Paid

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93603.	93778.	94135.	95466.	95507.	95622.	95687.	95712.
95742.	95747.	95899.	95903.	95911.	95939.	95982.	96006.
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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 100282—Ubaldo Ranzi.

The patent ceased on the 26th June 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 4th April 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 31st October 1970.

(2)

Notice is hereby given that an application has been made under section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

100503—Ubaldo Ranzi.

The patent ceased on the 9th July 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 4th April 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 31st October 1970.

(3)

An order has been made on the 17th August 1970, restoring the patent No. 95475 dated as of the 2nd September 1964, granted to Emhart Corporation for "conveyor drive mechanism for glassware forming machine".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry in the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 9. No. 137359. Omtex Hosiery Mills (an Indian Partnership firm), Plot No. 45, Orient Industrial Estate, 2nd Floor, Jeral Wadia Road, Parcel-Bhoiwada, Bombay-12 (Maharashtra), "Knitted Hosiery Cloth", May 2, 1970.

Class 13. Nos. 137577 to 137579. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building: 6, Ballard Road, Bombay-1, Indian Company, "Textile Piece-goods", June 3, 1970.

Class 14. Nos. 137442, 137444, 137445 and 137449. Shree Ram Mills Ltd, Fergusson Road, Lower Parel, Bombay-13, Maharashtra, "Textile goods", May 5, 1970.

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Design No. 108107—Class 3.

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